

FORM PTO-1449 LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. 200311116-1	APPLICATION NO.	CONFIRMATION NO
	APPLICANT Raymond G. Beausoleil et al.		
	FILING DATE 12/12/2003	GROUP	

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
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	1L					
	1M					
	1N					
	1O					
	1P					

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

1Q	Benson, Oliver et al., "Regulated and Entangled Photons from a Single Quantum Dot," <i>Physical Review Letters</i> , Vol. 84, No. 11, Pages 2513-2516 (March 13, 2000).
1R	Bouwmeester, Dik et al., "Observation of Three-Photon Greenberger-Horne-Zeilinger Entanglement," <i>Physical Review Letters</i> , Vol. 82, No. 7, Pages 1345-1349 (February 15, 1999).
1S	Chen, Kay-Yut et al., "A Quantum Treatment of Public Goods Economics," <i>Quantum Information Processing</i> , Vol. 1, No. 6, Pages 449-469 (December 2002).

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2Q	Kwiat, Paul G. et al., "Ultrabright Source of Polarization-entangled Photons," Physical Review A, Vol. 60, No. 2, Pages R 773-776 (August 1999).
2R	O'Brien, J.L. et al., "Demonstration of an all-optical quantum-controlled-NOT gate," Nature, Vol. 426, Pages 264-267 (November 20, 2003).
2S	Pan, Jian-Wei et al., "Experimental Demonstration of Four-Photon Entanglement and High-Fidelity Teleportation," Physical Review Letters, Vol. 86, No. 20 (May 14, 2001).

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OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

3Q	Pan, Jian-Wei et al., "Entanglement purification for Quantum Communication," <i>Nature</i> , Vol. 410, Pages 1067-1070 (April 26, 2001).
3R	Tanzilli, S. et al., "Highly efficient photon-pair source using periodically poled lithium niobate waveguide," <i>Electronics Letters</i> , Vol. 37, No. 1 (January 4, 2001).
3S	Pittman, T.B. et al., "Probabilistic quantum logic operations using polarizing beam splitters," <i>Physical Review A</i> , Vol. 64, Pages 062311-1 to 062311-9 (2001).

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	4P					

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

4Q	Pittman, T.B. et al., "Experimental controlled-NOT logic gate for single photons in the coincidence basis," Physical Review A, Vol. 68, Pages 032316-1 to 032316-4 (2003).
4R	Zhang et al., "Reduced Entanglements for Quantum Games," Pages 1-27 (July 31, 2003).
4S	

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